

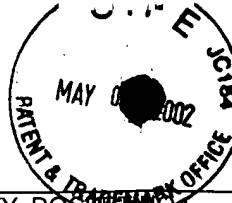
#7

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO.: <b>DX0724XK1</b>		SERIAL NO.: <b>09/950,041</b>		
INFORMATION DISCLOSURE STATEMENT FOR PATENT  (Use several sheets if necessary)				APPLICANT: <b>HARDIMAN, et al.</b>				
				FILING DATE: <b>September 10, 2001</b>		GROUP: <b>1647</b> <del>1655</del>		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
<b>FH</b>	<b>AA</b>	5,853,977	12/29/98	Dalie et al.	<del> </del>	<del> </del>	<del> </del>	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<b>FH</b>	<b>AB</b>	WO 98/02557	1/22/98	PCT	<del> </del>	<del> </del>	X	
	<b>AC</b>	WO 98/50547	11/12/98	PCT	<del> </del>	<del> </del>	X	
	<b>AD</b>	WO 99/20756	4/29/99	PCT	<del> </del>	<del> </del>	X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	<b>AE</b>	M.D. Adams, et al., <u>GenBank</u> , Accession No. AA381849, April 21, 1997. Definition: "EST94973 Activated T-cells I Homo sapiens cDNA 5' end similar to similar to H. sapiens hypothetical protein (GP:D13637_1), mRNA sequence."						
<b>FH</b>	<b>AF</b>	Mark D. Adams, et al., <u>Nature</u> , 377:3-17, September 28, 1995. "Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence"						
	<b>AG</b>	James W. Baumgartner, et al., <u>J. Biological Chemistry</u> , 269(46):29094-29101, 1994. "The Role of the WSXWS Equivalent Motif in Growth Hormone Receptor Function"						
	<b>AH</b>	Marcia P. Belvin, et al., <u>Annu. Rev. Cell Dev. Biol.</u> , 12:393-416, 1996. "A CONSERVED SIGNALING PATHWAY: The <i>Drosophila</i> Toll-Dorsal Pathway"						
	<b>AI</b>	Irwin M. Chaiken and William V. Williams, <u>TIBTECH</u> , 14:369-375, 1996. "Identifying structure-function relationships in four-helix bundle cytokines: towards de novo mimetics design"						
	<b>AJ</b>	Charles A. Dinarello, <u>Blood</u> , 87(6):2095-2147, March 15, 1996. "Biologic Basis for Interleukin-1 in Disease"						
	<b>AK</b>	Charles A. Dinarello, <u>Blood</u> , 77(8):1627-1652, April 15, 1991. "Interleukin-1 and Interleukin-1 Antagonism"						
	<b>AL</b>	Charles A. Dinarello, <u>The FASEB Journal</u> , 8:1314-1325, December 1994. "The interleukin-1 family: 10 years of discovery"						
	<b>AM</b>	David G. George, et al., <u>Macromolecular Sequencing and Synthesis Selected Methods and Applications</u> , Ch 12, pp 127-149, 1988. "Current Methods in Sequence Comparison and Analysis"						
EXAMINER <b>for Hmd</b>				DATE CONSIDERED <b>7/28/03</b>				
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<b>INFORMATION DISCLOSURE STATEMENT FOR PATENT</b>  <i>(Use several sheets if necessary)</i>				APPLICANT: <b>HARDIMAN, et al.</b>	
				FILING DATE: <b>September 10, 2001</b>	GROUP: <b>1653</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>					
<b>FH</b>	<b>AN</b>	I.R. Gibbons, <i>et al.</i> , <u>Proc. Natl. Acad. Sci. USA</u> , 88:8563-8567, October 1991. "A PCR procedure to determine the sequence of large polypeptides by rapid walking through a cDNA library"			
<b>FH</b>	<b>AO</b>	Thomas J. Gonda and Richard J. D'Andrea, <u>Blood</u> , 89(2):355-369. "Activating Mutations in Cytokine Receptors: Implications for Receptor Function and Role in Disease"			
<b>FH</b>	<b>AP</b>	Gary Hardiman, <i>et al.</i> , <u>Oncogene</u> , 13:2467-2475, 1996. "Molecular characterization and modular analysis of human <i>MyD88</i> "			
	<b>AQ</b>	M. Hibi, <i>et al.</i> , <u>GenBank</u> , Accession No.M57230, January 5, 1995. Definition: "Human membrane glycoprotein gp130 mRNA, complete cds."			
	<b>AR</b>	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.AA042999, May 10, 1997. Definition: "zk56c03.r1 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:486820 5', mRNA sequence."			
	<b>AS</b>	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.AA707766, December 24, 1997. Definition: "zh24d04.s1 Soares_pineal_gland_N3HPG Homo sapiens cDNA clone IMAGE:412999 3', mRNA sequence."			
	<b>AT</b>	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.AA005049, 09-MAY-1997. Definition: "zh96c04.r1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:429126 5', mRNA sequence"			
	<b>AU</b>	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.H48602, 15-SEP-1995. Definition: "yq80b01.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:202057 5' similar to SP:TOLL_DROME P08953 TOLL PROTEIN ;, mRNA sequence"			
	<b>AV</b>	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.N41021, 22-JAN-1996. Definition: "yy53b03.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:277229 3', mRNA sequence"			
	<b>AW</b>	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.R76150, 06-JUN-1995. Definition: "yi71d02.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:144675 5', mRNA sequence"			
	<b>AX</b>	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.T60365, 13-FEB-1995. Definition: "yb90h06.r1 Stratagene liver (#937224) Homo sapiens cDNA clone IMAGE:78491 5', mRNA sequence"			
<b>FH</b>	<b>AY</b>	Dan Hultmark, <u>Nature</u> , 367:116-117, January 13, 1994. "Ancient relationships"			
	<b>AZ</b>	A.D. Larsen, <u>GenBank</u> , Accession No.X55721, February 6, 1991. Definition: "Human mRNA coding for granulocyte colony stimulating factor receptor 25-1."			
<b>FH</b>	<b>BA</b>	Bruno Lemaitre, <i>et al.</i> , <u>Cell</u> , 86:973-983, September 20, 1996. "The Dorsoventral Regulatory Gene Cassette <i>spätzle/Toll/cactus</i> Controls the Potent Antifungal Response in <i>Drosophila</i> Adults"			
EXAMINER <i>Ron H. and</i>			DATE CONSIDERED <i>7/28/03</i>		
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				FILING DATE: <b>September 10, 2001</b>		GROUP: <b>1647</b> <del>4653</del>	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<b>Fix</b>	<b>BB</b>	Patrick Lemaire and Laurent Kodjabachian, <u>Trends in Genetics</u> , 12(12):525-531, December 1996. "The vertebrate organizer: structure and molecules"					
<b>↓</b>	<b>BC</b>	Mark A. Lemmon and Joseph Schlessinger, <u>TIBS</u> , 19:459-463, November 1994. "Regulation of signal transduction and signal diversity by receptor oligomerization"					
	<b>BD</b>	M. Marra, et al., <u>GenBank</u> , Accession No.AA266744, 21-MAR-1997. Definition: "mz93d07.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone IMAGE:720973 5', mRNA sequence."					
	<b>BE</b>	M. Marra, et al., <u>GenBank</u> , Accession No.AA288480, 04-APR-1997. Definition: "vb16a09.r1 Soares mouse 3NbMS Mus musculus cDNA clone IMAGE:749080 5', mRNA sequence."					
	<b>BF</b>	R. Medzhitov, et al., <u>GenBank</u> , Accession No.U93091, 30-NOV-1998. Definition: "Human Toll protein homolog mRNA, complete cds and LINE-1 reverse transcriptase homolog, pseudogene"					
<b>Fix</b>	<b>BG</b>	Ruslan Medzhitov, et al., <u>Nature</u> , 388:394-397, July 24, 1997. "A human homologue of the Drosophila Toll protein signals activation of adaptive immunity"					
<b>Fix</b>	<b>BH</b>	Donald Morisato & Kathryn V. Anderson, <u>Annu. Rev. Genetics</u> , 29:371-399, 1995. "SIGNALING PATHWAYS THAT ESTABLISH THE DORSAL-VENTRAL PATTERN OF THE DROSOPHILA EMBRYO"					
	<b>BI</b>	D. Muzny, et al., <u>GenBank</u> , Accession No.AC003046, AC002362, AC002363, 06-JAN-1998. Definition: "Homo sapiens Xp22 PACs RPC11-263P4 and RPC11-164K3 complete sequence."					
	<b>BJ</b>	NCI-CGAP, <u>GenBank</u> , Accession No.AA740990, 07-FEB-1998. Definition: "nz05g01.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1286928 3' similar to TR:Q15399 Q15399 ORF, COMPLETE CDS. ;, mRNA sequence."					
	<b>BK</b>	NCI-CGAP, <u>GenBank</u> , Accession No.AA741118, 07-FEB-1998. Definition: "nz04f11.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1286829 3', mRNA sequence."					
	<b>BL</b>	NCI-CGAP, <u>GenBank</u> , Accession No.AA252405, 13-AUG-1997. Definition: "zs12e09.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:685000 5', mRNA sequence."					
<b>Fix</b>	<b>BM</b>	Nobuo Nomura, et al., <u>DNA Research</u> 1:27-35, 1994. "Prediction of the Coding Sequences of Unidentified Human Genes. I. The Coding Sequences of 40 New Genes (KIA A0001-KIA A0040) Deduced by Analysis of Randomly Sampled cDNA Clones from Human Immature Myeloid Cell Line KG-1"					
	<b>BN</b>	N. Nomura, <u>GenBank</u> , Accession No.D13637, 10-JUL-1997. Definition: "Human mRNA for KIAA0012 gene, complete cds."					
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<b>FH</b>	<b>BO</b>	Haruki Okamura, <i>et al.</i> , <u>Nature</u> , 378:88-91, November 2, 1995. "Cloning of a new cytokine that induces IFN- $\gamma$ production by T cells"			
	<b>BP</b>	K. Okubo, <u>GenBank</u> , Accession No. C01399, 23-JUL-1996. Definition: "HUMGS0008381 Human adult (K. Okubo) Homo sapiens cDNA, mRNA" sequence."			
<b>FH</b>	<b>BQ</b>	Jay D. Parker, <i>et al.</i> , <u>Nucleic Acids Research</u> , 19(11):3055-3060, June 11, 1991. "Targeted gene walking polymerase chain reaction"			
	<b>BR</b>	D.H. Presky, <i>et al.</i> , <u>GenBank</u> , Accession No. U64198, November 26, 1996. Definition: "Human IL-12 receptor beta2 mRNA, complete cds."			
<b>FH</b>	<b>BS</b>	Fernando L. Rock, <i>et al.</i> , <u>Proc. Natl. Acad. Sci. USA</u> , 95:588-593, January 1998. "A family of human receptors structurally related to <i>Drosophila</i> Toll"			
	<b>BT</b>	Marco Rosetto, <i>et al.</i> , <u>Biochem. Biophys. Res. Com.</u> , 209(1):111-116, April 6, 1995. "SIGNALS FROM THE IL-1 RECEPTOR HOMOLOG, TOLL, CAN ACTIVATE AN IMMUNE RESPONSE IN <i>DROSOPHILA</i> HEMOCYTE CELL LINE"			
	<b>BU</b>	J. Sambrook, <i>et al.</i> , <u>Molecular Cloning, 2<sup>nd</sup></u> , Volume 3: Chapter 17, Cold Spring Harbor Laboratory Press, 1989. "Expression of Cloned Genes in <i>Escherichia coli</i> "			
	<b>BV</b>	Venkatakrishna Shyamala and Giovanna Ferro-Luzzi Ames, <u>GENE</u> , 84:1-8, 1989. "Genome walking by single-specific-primer polymerase chain reaction: SSP-PCR"			
	<b>BW</b>	P. Verhasselt, <i>et al.</i> , <u>DNA Sequence - J. DNA Sequencing and Mapping</u> , 2:281-287, 1992. "DNA sequencing by a subcloning-walking strategy using a specific and semi-random primer in the polymerase chain reaction"			
	<b>BX</b>	Yanshu Wang, <i>et al.</i> , <u>J. Biological Chemistry</u> , 271(8):4468-4476, February 23, 1996. "A Large Family of Putative Transmembrane Receptors Homologous to the Product of the <i>Drosophila</i> Tissue Polarity Gene <i>frizzled</i> "			
	<b>BY</b>	Steven A. Wasserman, <u>Molecular Biology of the Cell</u> , 4:767-771, August 1993. "A Conserved Signal Transduction Pathway Regulating the Activity of the <i>rel</i> like Proteins Dorsal and NF- $\kappa$ B"			
<b>✓</b>	<b>BZ</b>	Iain Wilson, <i>et al.</i> , <u>Current Biology</u> , 7(3):R175-R178, 1997. "Signaling pathways: A common theme in plants and animals?"			
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